



Hanford Site

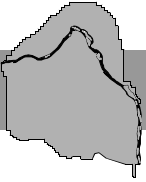
Groundwater/Vadose Zone Integration Project

GW/VZ Integration Project Expert Panel

Field Investigation and Data Gathering Subpanel

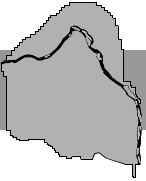
Preliminary Closeout Comments

March 23, 1999



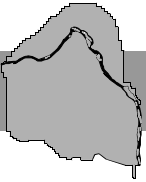
General

- Statements made do not represent IP EP or Subpanel recommendations
- Comments grouped as:
 - General
 - Process
 - Drilling
 - Sampling and Analysis
 - Integration
- Subpanel mission hindered by lack of written documentation



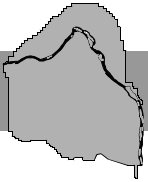
General Continued

- DOE and contractors provided frank and helpful discussion during meeting
- Budgets for characterization are unrealistically low
- Budgets do not represent a “minimum, credible” characterization program



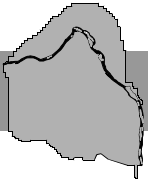
Process

- DQO process has not yet resulted in a set of DQOs
- DQO process provided a generally accepted recommendation for FY99 borehole
- Consensus approach broke down when Ecology rejected consensus choice for FY99 hole
- FY99 decisions rushed due to long delays
- Vadose Zone Panel recommendation to reinstate limited integral gamma logging not followed
- Integral gamma logging could be useful in planning FY99 hole



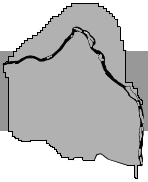
Drilling

- Drill a hole this summer
- The first hole drilled should be a research effort
- The research hole has two main objectives
 - Gather data; and
 - Gain experience
- Table of options only variations on a single theme
- Alternative suggested during meeting
- Contingency plan not mentioned for 9-39 should casing withdrawal be compromised
- Strong divergence of opinions on drilling plan



Sampling and Analysis

- Rationale for Ecology analyte list was not provided
- Analysis protocol fairly well thought out
- Plan for prioritizing analyses for FY99 hole was not made available



Integration

- Subpanel is encouraged by continued progress toward integration
- Encouraged by robust participation by Tribal Nations and stakeholders
- Active support of the Integration process by Ecology is essential to success
- Presentation describing RCRA wells illustrates a promising effort toward integration
- MACTEC-MEIERS data visualization program potentially valuable for IP, as well as TWRS